

Extra Copies

V.P. & R.P.T.P.SCIENCE COLLEGE

VI-SEMESTER INTERNAL EXAM

ZOOLOGY, US06CZOO04

13/03/2014

TIME: 3:30 TO 5pm

THURSDAY

MARKS: 30

Q-1 ANSWER THE FOLLOWING SHORT QUESTIONS (ANY THREE). (6)

1. Describe the mermaid purse.
2. Write a note on significance of Parthenogenesis.
3. Explain the fertilization in Amphioxus.
4. Describe the blastula of Amphioxus.
5. Write a note on functions of Frog eggs jelly.
6. Explain the epiboly of Frog.



Q-2 Write notes on: (a) Types of eggs according to the amount of yolk with examples. (3)

(b) Spermatogenesis. (5)

OR

Q-2 Write notes on: (a) Primary egg membranes. (3)

(b) Haploid parthenogenesis. (5)

Q-3 Describe: (a) Cleavage of Amphioxus. (4)

(b) Gastrulation in Amphioxus. (4)

OR

Q-3 Describe the formation of primary organ rudiments in Amphioxus. (8)

Q-4 Explain: (a) Fertilization process in Frog. (4)

(b) Fate map of Frog embryo. (4)

OR

Q-4 Write an essay on metamorphosis of Frog. (8)